

A B S T R A C TAN INSTALLATION FOR TREATING SAMPLES CONTINUOUSLY BY
SEPARATION ON A STATIONARY PHASE UNDER FORCED FLOW

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An installation for treating samples by chromatographic separation comprises: i) means (1, 2, 4) for feeding moving phase, means (14) for supplying samples, and a multiplicity of injector means (10-i), 10 each comprising a first inlet (11-i) for receiving a sample, a second inlet (8-i) connected to the feed means, and an outlet (13-i) for delivering the moving phase and/or the sample; ii) a stationary phase (3) defining a multiplicity of sample treatment channels (12-i), each 15 starting at a first selected location (19-i) and terminating at a second selected location (20-i); and iii) a chamber (17) housing the stationary phase (3) and including pressurizing means for applying an external pressure to one face of the stationary phase, a 20 multiplicity of inlets, each connected to the outlet (13-i) of an injector (10-i) to deliver the moving phase and/or the samples to the first locations (19-i), and a multiplicity of outlets (18-i) for discharging the multiplicity of samples treated in the channels (12-i) 25 that have reached the various second locations.

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